**COURSE OUTLINE**

Program: LIFELONG EDUCATION

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| Course Title:  |  WT 150 Advanced Beginner training |
| Date Submitted:  | Summer, 2017 |
| Length in Weeks |  6 |
| Hours per Week: | 3 |

**I.** Brief Course Description**:**

This course provides addition al hands-on exercises and practice designed to improve tolls use and turning skills

**II.** GOALS AND PURPOSES: (broad direction or purpose of course related to student needs)

* Increase participant confidence in their turning skills
* To expand efficiency of basic tool use
* To experience more advanced turning challenges beyond WT 101

**III.** PERFORMANCE OBJECTIVES**:** Upon successful completion of this course, student will be able to:

* Use the skew chisel more effectively and confidently
* Recognize and turn more advanced shape with confidence
* Master beads and coves
* BE willing to try new techniques and explore options

**IV.** METHOD OF EVALUATION**:** (Observation, Student Participation, etc.)

⌧Observation

⌧Student Participation

* Activity Completion
* Assessment

**V.** CONDITIONS FOR REPETITION**:**

Unlimited

**VI.** METHOD OF INSTRUCTION**: (**Lecture, Discussion, Demonstration, etc.)

Lecture, demonstration student activity

**VII.** INSTRUCTIONAL UNITS**: (**Breakdown of weekly instruction ‐must equal total class hours**)**

Units (or weeks) hours

|  |  |  |
| --- | --- | --- |
| **Session** | **Instruction Unit** | **Length of event** |
| Week 1 | Course introduction – what do participants want? | 10 |
|  | Review site safety regulations | 5 |
|  | Discuss course objectives and selected activities Hand out student activity packet | 10 |
|  | Explore Beads & Coves Review B&C techniques Demonstrative finger rotation technique Set up B&C activity | 15 |
|  | Student activity – Beads & cove sticks | 130 |
|  | Clean up | 10 |
| Week 2 | Exploring the use of the skew chisel – Spin Tops |  |
|  | Demonstrate the basic skew chisel cuts Planing cut “V” cut | 10 |
|  | Demonstrate a spin top with the skew chisel | 15 |
|  | Explain student activity Discuss using both the shallow-fluted gouge and the skew Discuss the “competition” at the end of the session Each has three tries for the longest spin time Only enter one top | 5 |
|  | Student activity – make tops | 120 |
|  | Student “competition” | 20 |
|  | Clean up | 10 |
| Week 3 | Multi-axis turning – a letter opener |  |
|  | Discuss techniques for turning off center Turn the “ghost” Keep speed high Light cuts with a sharp tool | 10 |
|  | Demonstrate letter opener Move ONLY the tailstock point (the blade) as less difficult | 20 |
|  | Student activity | 140 |
|  | Clean up | 10 |
| Week 4 | Christmas ornaments Three Christmas trees example (see video reference) Snow man(Other seasonal activities can be inserted to explore beads & coves) | 20 |
|  | Demonstrate ornament techniques | 20 |
|  | Student activity | 130 |
|  | Clean up | 10 |
| Week 5 | Turning a wooden ball Objective is to explore several techniques for turning a ball Free hand – “by eye” (w/wo template) Turning away the “ghosts by rotation Laying out the project first | 10 |
|  | Student activity – free hand turning a ball between centers Activity followed by discussion of results | 30 |
|  | Explain and demonstrate turning away ghosts by rotation | 10 |
|  | Student activity – Turning a ball between centers with rotation | 50 |
|  | Explanation and demonstration of lay out technique Demonstrate the octagon method (see handout) | 10 |
|  | Student activity – sphere octagon method | 60 |
|  | Clean up | 10 |
| Week 6 | Student projects | 160 |
|  | Wrap-up/Evaluation | 20 |

 **TOTAL HOURS 18**

Submitted by: Jim Rodgers

